

0930632.030104  
FIG. 10

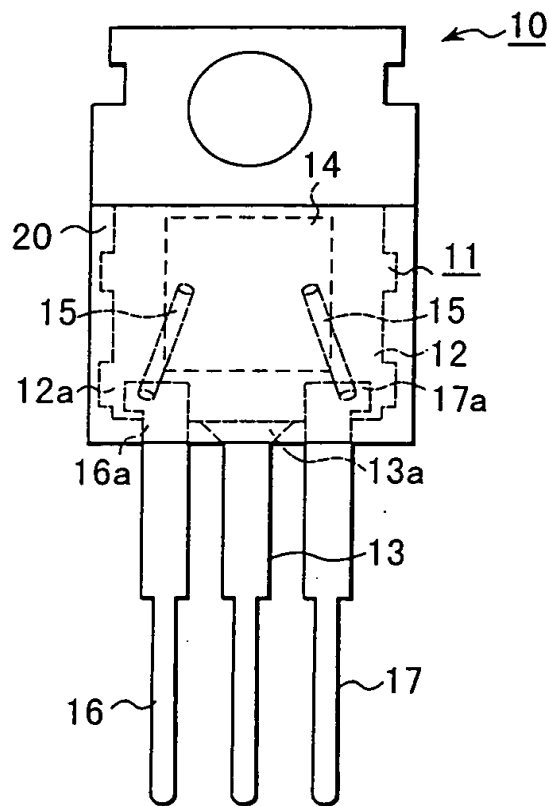


FIG. 1A

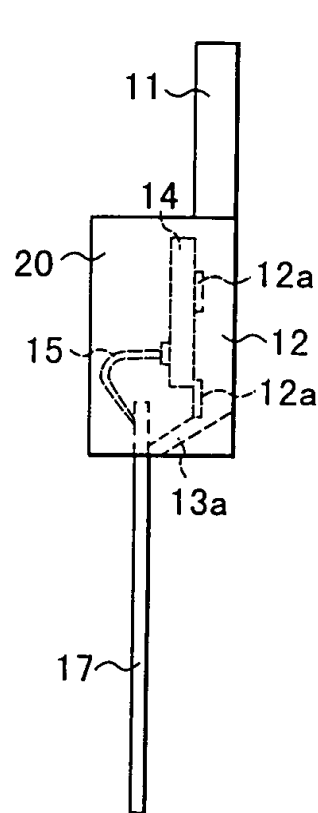


FIG. 1B

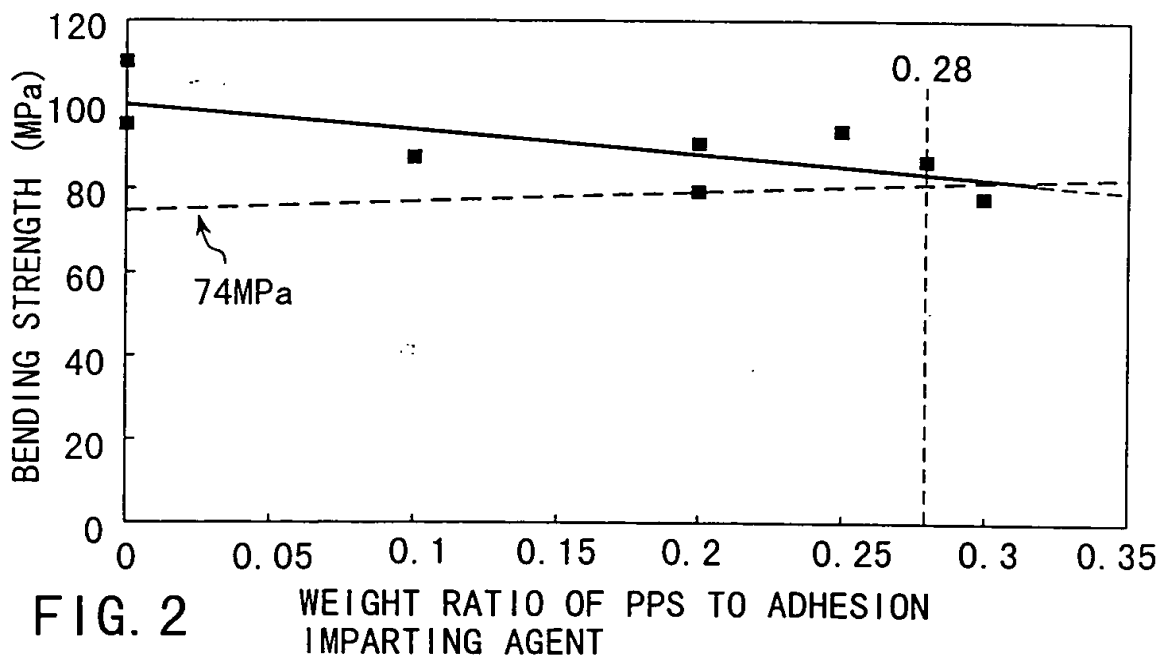


FIG. 2

A graph showing the relationship between the number of trials (x-axis) and the percent defective (y-axis) for a binomial distribution with  $p = 0.1$ . The x-axis is labeled 'NUMBER OF TRIALS' and ranges from 0 to 8. The y-axis is labeled 'PERCENT DEFECTIVE (%)' and ranges from 0 to 100. A smooth curve represents the theoretical binomial distribution, and several data points (squares) represent experimental results. The data points are approximately at (2.5, 2), (4.1, 3), (4.8, 53), (5.5, 65), and (6.5, 100).

| Number of Trials | Percent Defective (%) |
|------------------|-----------------------|
| 2.5              | 2                     |
| 4.1              | 3                     |
| 4.8              | 53                    |
| 5.5              | 65                    |
| 6.5              | 100                   |

A line graph showing the thermal distortion of PPS and Epoxy Resin. The y-axis is labeled 'DISTORTION (nm)' and the x-axis is labeled 'TEMPERATURE (°C)'. The x-axis has major ticks at 25, 80, 130, 150, and 200. Two curves are plotted: one for PPS and one for EPOXY RESIN. The PPS curve starts at approximately (25, 10) and rises linearly to about (200, 100). The EPOXY RESIN curve starts at approximately (25, 8), rises to (80, 15), then more steeply to (150, 45), and finally to about (190, 85). The two curves intersect at approximately 110°C and 35 nm of distortion.

| Temperature (°C) | PPS Distortion (nm) | Epoxy Resin Distortion (nm) |
|------------------|---------------------|-----------------------------|
| 25               | 10                  | 8                           |
| 80               | 25                  | 15                          |
| 110              | 40                  | 35                          |
| 150              | 60                  | 45                          |
| 200              | 100                 | -                           |

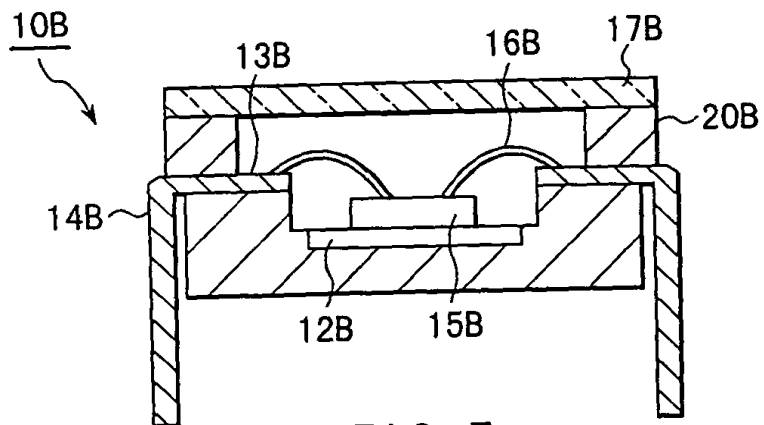


FIG. 5

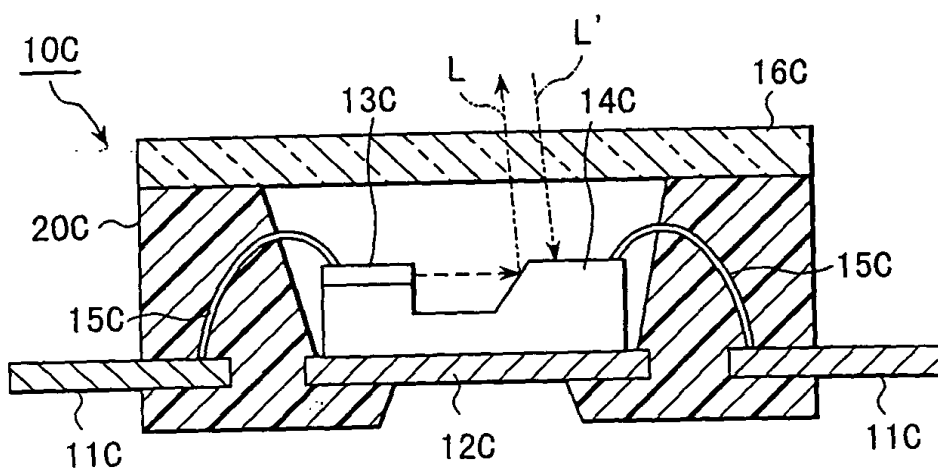


FIG. 6